

REMARKS

The Office action of August 22, 2003 has been received and its contents carefully noted.

In amended Figs. 11-19, the label "Prior Art" has been added.

Claims 1-8 are pending in the application. Claims 1-2, and 5 have been amended. Claims 9-10 have been added.

Claims 1, 3-4, and 8 stand rejected under 35 U.S.C. § 102(b) as being unpatentable over Ogino et al. ("Ogino") (U.S. Patent No. 5,589,883). Claim 7 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Ogino in view of Okada (U.S. Patent No. 4,298,885). Applicant respectfully traverses these rejections, and request allowance thereof in the continuation prosecution application for the following reasons.

**The Claims are Patentable Over the Cited References**

**Claims 1, 3-4, and 8 are not anticipated by Ogino**

Claims 1, 3-4, and 8 stand rejected under § 102(b) in view of Ogino. Applicant strongly contends that Ogino fails to disclose the features recited in these claims as amended such as a cathode current detector for tapping into and detecting a cathode current being input from a separate source

to each of a plurality of CRTs used with a video projector.

Ogino does not disclose this patentably distinct feature of a cathode current detector for tapping into a cathode current being input from a separate source to each of a plurality of CRTs used with a video projector. In contrast, Ogino strongly teaches away from the recited feature by disclosing a cathode current detector, physically inserted into the current flow, that supplies the input current to a CRT. (see FIG. 2; col. 4, lines 18-20). Specifically, Ogino discloses that "...the output of the amplifier 11 is supplied to the cathode electrode of a CRT 1 through a cathode current detector 12..." (see FIG. 2; col. 4, lines 18-20). Therefore, Ogino clearly describes that the cathode current detector is inserted into the current flow to actually supply the input current to the CRT which is in direct contrast to the recited feature of the cathode current detector tapping into the cathode current being input from a separate source to each of a plurality of CRTs. Applicant strongly notes that a current detector tapping into an current input from a separate source to a destination device as recited is significantly different from a current detector inserted into the current flow to actually supply the current input to the destination device as disclosed in Ogino. Therefore, it is clear that Ogino does ))

not disclose the recited features of these claims making the claimed invention patentably distinct and non-obvious from the cited reference.

**Claim 7 is not made obvious by Ogino and Okada**

Claim 7 stands rejected under § 103(a) in view of Ogino and Okada. Applicant strongly contends that Ogino and Okada, either alone or in combination, fail to disclose the features recited in this claim as amended such as a cathode current detector for tapping into a cathode current being input from a separate source to each of a plurality of CRTs used with a video projector.

Neither Ogino nor Okada discloses this patentably distinct feature of a cathode current detector for tapping into a cathode current being input from a separate source to each of a plurality of CRTs used with a video projector. As noted above, Ogino does not discloses this feature as Ogino in contrast solely describes a cathode current detector that actually supplies the current input to a CRT.

Similarly, Okada completely omits this feature as in contrast Okada solely discloses current being input to a single CRT and not each of a plurality of CRTs as recited (see FIG. 4; col. 4, lines 5-8). Okada does disclose a red, blue,

and green cathode but these cathodes are all a part of just a single CRT. (see FIG. 4; col. 4, lines 5-8). Specifically, Okada states that "...which then produces appropriate R, G, and B signals at its output which are fed to red, green, and blue cathodes 13R, 13G, and 13B of a color cathode ray tube 13..." (see FIG. 4; col. 4, lines 5-8). Therefore, instead of the recited feature of a cathode current detector for tapping into a cathode current being input from a separate source to each of a plurality of CRTs used with a video projector; Okada in contrast solely describes a current being input to a single CRT.

Therefore, it is clear that Ogino and Okada, both alone or in combination, do not disclose the recited features of claim 7 making the claimed invention patentably distinct and non-obvious from the cited references.

Conclusion

In view of the amendments and remarks submitted above, it is respectfully submitted that all of the remaining claims are allowable and a Notice of Allowance is earnestly solicited.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Clint Gerdine (Reg. No. 41,035) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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